

| Ref # | Hits | Search Query                   | DBs                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------|---------------------------|------------------|---------|------------------|
| L1    | 0    | ("biomimeticmembrane").PN.     | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/10/31 14:05 |
| L2    | 0    | ("biomimeticsamemembrane").PN. | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/10/31 14:05 |
| L3    | 416  | biomimetic membrane            | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:05 |
| L4    | 0    | 3 and tri-bloc copolymer       | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:06 |
| L5    | 12   | 3 and triblock copolymer       | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:06 |
| L6    | 12   | 5 and protein                  | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:07 |

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| Ref # | Hits | Search Query                    | DBs                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------------|---------------------------|------------------|---------|------------------|
| L1    | 0    | ("biomimeticmembrane").PN.      | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/10/31 14:05 |
| L2    | 0    | ("biomimeticsamemembrane").PN.  | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/10/31 14:05 |
| L3    | 416  | biomimetic membrane             | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:05 |
| L4    | 0    | 3 and tri-bloc copolymer        | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:06 |
| L5    | 12   | 3 and triblock copolymer        | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:06 |
| L6    | 12   | 5 and protein                   | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:35 |
| L7    | 7    | 6 and inner blocks              | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:35 |
| L8    | 6    | 7 and outer blocks              | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:36 |
| L9    | 3    | 8 outer blocks same hydrophilic | USPAT;<br>EPO;<br>DERWENT | AND              | ON      | 2005/10/31 14:37 |